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*North America's Leader in Hazardous Material Information Management*  
*1905 Aston Avenue, Carlsbad, CA 92008*  
*Phone (800) 451-8346 Fax (760) 602-8888*

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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Bruce Hardwood Floors

Product Name: Bruce Multigrip Wood Flooring Adhesive by Henry (DISCONTINUED)

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

Name: Bruce MultiGrip™ Wood Flooring Adhesive by Henry  
Description: Filled, latex-based adhesive

## II. DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping name: Not classified Hazard Class: N/A ID #: N/A  
EMERGENCY ONLY CONTACT: CHEM-TEL 1-800-255-3924

## III. HMIS (0=minimal hazard; 4=severe hazard)

Health = 1 Flammability = 1 Reactivity = 0

## IV. PRODUCT CONTENT

This product does not contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. This product does NOT contain asbestos

## V. HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV	OCCUP. EXPOS. LMT.
VM&P NAPHTHA CAS #64742-89-8	1 - 2	300 ppm	PEL: 300 ppm STEL 400 PPM
PROPYLENE GLYCOL CAS # 57-55-6	2 - 3	N/A	N/A

## VI. PHYSICAL DATA

APPEARANCE: Yellowish beige paste. ODOR: Mild solvent odor. BOILING POINT: N/A. (water) MELTING POINT: N/A. VAPOR PRESSURE (mm Hg @ 20°C): N/A. VAPOR DENSITY (air = 1): N/A. % VOLATILE BY WEIGHT (30 min @ 275°F): 13-15 %. EVAPORATION RATE (butyl acetate = 1): N/A. WT/GAL (water=8.3): 12.53 lb. SOLUBILITY IN WATER: Dispersible. SPECIFIC GRAVITY: 1.58. VOC: 67 g/l calculated at 70°F/21°C. SCAQMD pH: 8.3

## VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): Above 200° F (Setarlash Closed Tester). FLAMMABLE RANGE: LEL: N/A. UEL: N/A. EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or water spray. SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers in a fire may rupture due to pressure build-up, use water to cool containers to prevent this.

## VIII. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation, ingestion, and direct dermal exposure. TARGET ORGANS: Upper respiratory tract, skin, eyes. EFFECTS OF OVEREXPOSURE: SKIN AND EYES: Excessive skin contact may cause drying and cracking of the skin, defatting of tissue, and result in dermatitis. Contact with eyes may cause irritation. INHALATION: VM&P Na, hthf may cause irritation of respiratory tract, coughing, and CNS effects such as headache, dizziness, drowsiness or nausea. CARCINOGENICITY: NTP, No IARC Monographs. No. OSHA Regulated No. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Any condition generally aggravated by solvents, including preexisting upper respiratory and lung disease such as, but not limited to bronchitis, emphysema, and asthma. Existing skin conditions. FIRST AID PROCEDURES: SKIN AND EYES: Flush any eye contact with plenty of water. Additionally with skin contact, wash with soap and water. Refer to physician if irritation or symptoms persist. INHALATION: Remove to fresh air if exposed to excess concentrations of vapor. Seek medical attention if symptoms persist. INGESTION: Do not induce vomiting. Call a Poison Control Center or physician for guidance.

## IX. REACTIVITY DATA

STABILITY: Stable. INCOMPATIBILITY: Strong oxidizing agents. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and other toxic vapors and gases that are common to thermal degradation of organic compounds. HAZARDOUS POLYMERIZATION: Will not occur.

# Bruce® MultiGrip™

Prepared 5/99

Bruce Hardwood Floors  
an Armstrong Company  
16803 Dallas Parkway  
Addison, Texas 75001

For Technical Questions Call 1-800-726-4647

## X. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area of spill or release. Contain spill, preventing it from entering sewer lines or waterways. Use absorbent to assist with the pick-up of material. Scrape up product and place into container. Residual of product, while still wet, can be cleaned up with warm soapy water. WASTE DISPOSAL METHOD: Dispose of container and any unused contents in accordance with Federal, State, and Local Waste Disposal Regulations. Do not flush unused contents or residue down drains. Do not reuse container.

## XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: Use natural cross-ventilation, local (mechanical) pick-up and/or general area (mechanical) ventilation to prevent an accumulation of solvent vapors, keeping in mind that the ventilation pattern must remove the heavier-than-air solvent vapors from the lower levels of the work spaces. The ventilation should be sufficient to keep the solvent vapor concentration below the TLV. RESPIRATORY PROTECTION: With adequate ventilation, respiratory equipment should not be needed. If adequate ventilation is not afforded, wear respiratory equipment approved for organic vapors. SKIN AND EYE PROTECTION: During normal end-product use, cotton or loop-pile gloves and spectacle-type safety glasses are recommended to prevent contact with this mastic product.

## XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in an area suitable for combustible mixtures. Recommended storage temperature is below 90° F. OTHER PRECAUTIONS: Vapors are heavier-than-air. Use precautions that are common with the safe handling of combustible liquids. WORK SITE ENVIRONMENT: Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate person that it will be necessary to establish and maintain adequate ventilation of the work area, without causing the entry of contaminants to other parts of building, and persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A - not applicable or not available  
N/K - none known or not known